

Molecular Cell Research

Vol. 1265, 1995



Cumulative Contents _

Information for Contributors	vii	Temporal segregation in signalling: a novel mecha- nism in human neutrophils	
Regular Section		M. Raif-Preminger, S.R. Caplan and I. Yuli (Israel)	49
		PAF and haematopoiesis: III. Presence and metab-	
Regular Papers		olism of platelet-activating factor in human bone marrow	
¹³ C-NMR spectroscopic studies of 2-mercapto- ethanol-stimulated glutathione synthesis in the in- tact ocular lens		Y. Denizot, F. Trimoreau, F. Dupuis, C. Verger and V. Praloran (France) Rapid protein tyrosine phosphorylation in the cy-	55
J.A. Willis and T. Schleich (USA)	1	toskeleton of stimulated human platelets	
Differential activation of $G_{\rm i}$ and $G_{\rm s}$ proteins by E-and I-type prostaglandins in membranes from the		A. Altmüller and P. Presek (Germany) Hydrogen peroxide activation of cytosolic phospholipase A ₂ in vascular smooth muscle cells	61
human erythroleukaemia cell line, HEL I. Schwaner, S. Offermanns, K. Spicher, R. Seifert and G. Schultz (Germany)	8	G.N. Rao, M.S. Runge and R.W. Alexander (USA) Insulin action on cardiac glucose transport: studies	67
The allosteric enhancer, PD 81,723, stabilizes human A ₁ adenosine receptor coupling to G proteins		on the role of protein kinase C M. Russ and J. Eckel (Germany) Differential release of histamine and prostaglandin	73
S. Bhattacharya and J. Linden (USA) Multiple protein kinases are required for basal Kv1.5 K ⁺ channel gene expression in GH ₃ clonal pitu-	15	D ₂ in rat peritoneal mast cells: roles of cytosolic calcium and protein tyrosine kinases C.M.C.J. Van Haaster, W. Engels, P.J.M.R. Lem-	
itary cells K. Takimoto, R. Gealy and E.S. Levitan (USA)	22	mens, G. Hornstra, G.J. Van der Vusse and J.W.M. Heemskerk (The Netherlands) Effect of extracellular Mg ²⁺ concentration on ago-	79
Rapid Report		nist-induced cytosolic free Ca ²⁺ transients Z. Zhu, M. Tepel, C. Spieker and W. Zidek	
Intracellular degradation of apolipoprotein B generates an N-terminal 70 kDa fragment in the endo-		(Germany)	89
plasmic reticulum		Rapid Report	
S.M. Sallach and K. Adeli (Canada)	29		
Subsection		The bisindolylmaleimide GF 109203X, a selective inhibitor of protein kinase C, does not inhibit the potentiating effect of phorbol ester on ethanol-in-	
Regular Papers		duced phospholipase C-mediated hydrolysis of phosphatidylethanolamine Z. Kiss, H. Phillips and W.H. Anderson (USA)	9:
Characteristics of the signal transduction system activated by ATP receptors in the hepatoma cell line N1S1-67		Short Sequence-Paper	
A. Peres and S. Giovannardi (Italy)	33	A protein kinase from Dictyostelium discoideum	
Interleukin-4 suppresses the expression of macro-		with an unusual acidic repeat domain	
phage NADPH oxidase heavy chain subunit (gp91-phox)		B.W. Wetterauer, U. Hamker, A. Von Haeseler, H.K. MacWilliams, MN. Simon and M. Veron	
Y. Zhou, G. Lin and M.P. Murtaugh (USA)	40	(Germany, France)	9

Regular Section		culotropin biological activities on cultured cells by almitrine	
Regular Papers		H. Moukadiri, L. Gouzi, S. Detolle-Sarbach, D. Guez and J. Plouët (France) Mechanism of isoproterenol-induced heterologous	168
Conversion of xanthine dehydrogenase to xanthine oxidase in bovine carotid artery endothelial cells induced by activated neutrophils: involvement of adhesion molecules Y. Wakabayashi, H. Fujita, I. Morita, H. Kawa-		desensitization of mucin secretion from rat sub- mandibular glands. Regulation of phosphorylation of Gi proteins controls the cell response to the subsequent stimulation Y. Ishikawa, I. Amano, T. Eguchi and H. Ishida (Japan)	173
guchi and Si. Murota (Japan) The thymus extract Thymex-L potentiates the retinoic acid-induced differentiation of the human myeloid leukemia cell line HL-60	103	Activation of human lymphomononuclear cells by peptides derived from extracellular matrix proteins N. López-Moratalla, M. Del Mar Calonge, M.J.	
 K. Schulze-Forster, K. Eckert and H.R. Maurer (Germany) Expression and fate of the nuclearly encoded sub- units of cytochrome-c oxidase in cultured human 	110	López-Zabalza, L.A. Pérez-Mediavilla, M.L. Subirá and E. Santiago (Spain) Murine fibroblasts synthesize and secrete kininogen in response to cyclic-AMP, prostaglandin E ₂ and	181
cells depleted of mitochondrial gene products L.G.J. Nijtmans, J.N. Spelbrink, M.J.M. Van Galen, M. Zwaan, P. Klement and C. Van den Bogert (The Netherlands)	117	tumor necrosis factor M. Takano, K. Yokoyama, K. Yayama and H. Okamoto (Japan)	189
Regulation of cellular pH in skeletal muscle fiber types, studied with sarcolemmal giant vesicles obtained from rat muscles	***	Okadaic acid potentiates heat-induced activation of etk2 H. Heider and H.R. Widmer (Switzerland) The role of cyclic AMP in the lipopolysaccharide-in-	196
C. Juel (Denmark) Purification of a major tyrosine kinase from RBL- 2H3 cells phosphorylating Fc _ε RI γ-cytoplasmic domain and identification as the Btk tyrosine kinase	127	duced suppression of thymidine kinase activity in macrophage F. Okada, S. Nagao, Y. Harada, R.M. Xavier, M. Nakamura, T. Ishida and Y. Tanigawa (Japan) Glucose promotes turnover of Na ⁺ in pancreatic	201
 D.J. Price, Y. Kawakami, T. Kawakami and B. Rivnay (USA) Activation and deactivation of membrane currents in human fibroblasts following infection with human cytomegalovirus 	133	β-cells S. Saha and E. Grapengiesser (Sweden) Calcium inflow in cells transfected with cloned rat and porcine calcitonin receptors	209
A. Bakhramov, Y.S. Boriskin, J.C. Booth and T.B. Bolton (UK)	143	D.M. Findlay, S. Houssami, P.M. Sexton, C.L. Brady, T.J. Martin and D.E. Myers (Australia)	213
Subsection		Short Sequence-Papers	
Review		cDNA cloning of a thromboxane A ₂ receptor from	
An emerging family of dual specificity MAP kinase phosphatases S.M. Keyse (UK)	152	rat astrocytes Ji. Kitanaka, H. Hashimoto, Y. Sugimoto, M. Sawada, M. Negishi, A. Suzumura, T. Marunouchi, A. Ichikawa and A. Baba (Japan)	
Regular Papers	134	Molecular cloning of human p38 MAP kinase J. Han, B. Richter, Z. Li, V.V. Kravchenko and R.J. Ulevitch (USA)	
Isolation of the cell cycle control gene cdc2 from		Erratum	22
Paramecium tetraurelia L. Tang, S.L. Pelech and J.D. Berger (Canada)	161	Cumulative Contents, Vol. 1265	23
Inhibition of basic fibroblast growth factor and vas-		Author Index	22

